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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/881,599	06/14/2001	Gerrit H. Soepenber	NL 000395	6414

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
P.O. BOX 3001  
BRIARCLIFF MANOR, NY 10510

EXAMINER
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LEROUX, ETIENNE PIERRE

ART UNIT	PAPER NUMBER
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2171

DATE MAILED: 09/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/881,599

Applicant(s)

SOEPENBERG ET AL.

Examiner

Etienne P LeRoux

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4, 3
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### *Arrangement of the Specification*

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or  
REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
- (e) BACKGROUND OF THE INVENTION.
  - (1) Field of the Invention.
  - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) BRIEF SUMMARY OF THE INVENTION.
- (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (h) DETAILED DESCRIPTION OF THE INVENTION.
- (i) CLAIM OR CLAIMS (commencing on a separate sheet).
- (j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3 are rejected under 35 U.S.C. 102(e) as being anticipated by US Pat No 5,978,855 issued to Metz et al (hereafter Metz '855).

Claim 1:

Metz '855 discloses a transmission system comprising a transmitter and at least one receiver configured to receive signals transmitted therefrom, wherein

- carousel-forming data file and directory objects are sent in cycles with predetermined groups of file and directory objects being formed into respective modules at the transmitter, with each module being transmitted as a whole [col 47, lines 10-24]
- the receiver being arranged to store received file data and directory objects under a predetermined grouping formulation [Fig 6, 122 and col 35, lines 3-22]

Claim 2:

Metz '855 discloses transmitter for use in a system as claimed in claim 1, said transmitter comprising a connection to a source of data for transmission and data formatting means arranged to assemble into modules for transmission file data and directory objects [col 47, lines 10-24].

Claim3:

Metz '855 discloses said receiver comprising means arranged to receive said transmitted modules and to store the file data and directory objects therein according to a predetermined grouping formulation [Fig 6]

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4, 10 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Metz '855 in view of Pub No US 2001/0022001 issued to Hiroi (hereafter Hiroi '001).

Claims 4, 10 and 16:

Metz '855 discloses the essential elements of claims 1-3 as noted above.

Metz '855 fails to disclose wherein the file and directory modules are comprised in discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the elementary level.

Hiroi '001 discloses wherein the file and directory modules are comprised in discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the elementary level [Fig 3, 365]

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Metz '855 to include wherein the file and directory modules are comprised in discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the elementary level as taught by Hiroi '001.

The ordinarily skilled artisan would have been motivated to modify Metz '855 to incorporate above-noted elements for the purpose of compressing the data streams according to the MPEG2 specification [paragraph 27]

5. Claims 5, 11 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Metz '855 in view of US Pat No 5,235,619 issued to Beyers et al (hereafter Beyers '619).

Claims 5, 11 and 17:

Metz '855 discloses the elements of claims 1-3 as noted above.

Metz '855 fails to disclose wherein the file and directory modules are comprised in discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the module level.

Beyers '619 discloses wherein the file and directory modules are comprised in discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the module level [col 51, lines 49-61]

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Metz '855 to include wherein the file and directory modules are comprised in discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the module level as taught by Beyers '619.

The ordinarily skilled artisan would have been motivated to modify Metz '855 to include supra elements for the purpose of storing Category 1 frequencies [col 19, lines 47-63]

6. Claims 6, 12 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Metz '855 in view of Pub No US 2002/0091816 issued to Stalker (hereafter Stalker '816).

Claims 6, 12 and 18:

Metz '855 discloses the elements of claims 1-3 as noted above.

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Metz '855 fails to disclose wherein the data including file and directory modules further comprises a version indicator to identify updates, with said modules further comprising discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the elementary level.

Stalker '816 discloses wherein the data including file and directory modules further comprises a version indicator to identify updates, with said modules further comprising discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the elementary level [paragraph 20].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Metz '855 to include wherein the data including file and directory modules further comprises a version indicator to identify updates, with said modules further comprising discrete data portions carried in an elementary data stream, with said predetermined grouping formulation for storage being at the elementary level as taught by Stalker '816.

The ordinarily skilled artisan would have been motivated to modify Metz '855 to include supra elements for the purpose of determining the current status of the data for synchronizing purposes.

7. Claims 7-9, 13-15 and 19-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Metz '855 in view of Pub No US 2002/0188950 issued to Soloff et al (hereafter Soloff '950).

Claims 7, 13 and 19:

Metz '855 discloses the elements of claims 1-3 as noted above.

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Metz '855 fails to disclose wherein the file and directory modules are linked to time stamp data, with the transmitter being configured to include such time stamp data and the receiver component being arranged to recover such time stamps and utilize them in the reproduction from storage of the carousel.

Soloff '950 discloses wherein the file and directory modules are linked to time stamp data, with the transmitter being configured to include such time stamp data and the receiver component being arranged to recover such time stamps and utilize them in the reproduction from storage of the carousel [paragraph 67]

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Metz '855 to include wherein the file and directory modules are linked to time stamp data, with the transmitter being configured to include such time stamp data and the receiver component being arranged to recover such time stamps and utilize them in the reproduction from storage of the carousel as taught by Soloff '950.

The ordinarily skilled artisan would have been motivated to modify Metz '855 to include supra elements for the purpose of determining if a file has been received at a particular point in time [paragraph 67]

Claims 8, 14 and 20:

Metz '855 discloses the elements of claims 1-3 as noted above.

Metz '855 fails to disclose wherein the reproduction from storage of the carousel is performed at data rates other than that indicated by said time stamps.

Soloff '950 discloses a date and a time stamp [col 67].



It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination of Metz '855 and Soloff '950 to include wherein the reproduction from storage of the carousel is performed at data rates other than that indicated by said time stamps.

The ordinarily skilled artisan would have been motivated to modify the combination of Metz '855 and Soloff '950 to include supra elements for the purpose of gathering data on a continuous basis throughout the day.

Claims 9, 15 and 20:

Metz '855 discloses the elements of claims 1-3 as noted above.

Metz '855 fails to disclose wherein the reproduction from storage of the carousel is performed at data rates greater than that indicated by said time stamps by reproducing carousel data at a data rate indicated by time stamp data and selectively interposing additional copies of reproduced carousel file and directory objects with said originally reproduced copies.

Soloff '950 discloses a date and a time stamp [col 67].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination of Metz '855 and Soloff '950 to include wherein the reproduction from storage of the carousel is performed at data rates greater than that indicated by said time stamps by reproducing carousel data at a data rate indicated by time stamp data and selectively interposing additional copies of reproduced carousel file and directory objects with said originally reproduced copies.

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The ordinarily skilled artisan would have been motivated to modify the combination of Metz '855 and Soloff '950 to include supra elements for the purpose of gathering data on a continuous basis throughout the day.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Etienne LeRoux whose telephone number is (703) 305-0620.

The examiner can normally be reached on Monday – Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic, can be reached on (703) 308-1436.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Etienne LeRoux



September 17, 2003



SAFET METJAHIC  
SUPERVISORY PATENT EXAMINER  
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